

Title (en)

Screw pump for conveying bulk products

Title (de)

Schneckenpumpe zum Fördern von Schüttgütern

Title (fr)

Pompe à vis hélicoïdale destinée à acheminer des produits en vrac

Publication

**EP 2966014 B1 20170201 (DE)**

Application

**EP 14176505 A 20140710**

Priority

EP 14176505 A 20140710

Abstract (en)

[origin: WO2016005515A1] The invention relates to a screw pump for conveying bulk material. The aim of the invention is to further develop existing screw pumps for use in ship unloading systems and to improve the feeding device for use in the ship unloading process. The feeding device according to the invention is characterized in particular **<b>in that</b>** the device arranged in the pressure region (1) for supplying a fluidizing agent (6) is arranged partly, largely, or completely on at least one horizontal plane extending through the conveying pipe (2) when the screw conveyor (3) of the feeding device is arranged horizontally.

IPC 8 full level

**B65G 53/48** (2006.01); **B63B 27/22** (2006.01); **B65G 53/08** (2006.01)

CPC (source: EP)

**B63B 27/22** (2013.01); **B65G 53/08** (2013.01); **B65G 53/48** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2966014 A1 20160113; EP 2966014 B1 20170201; WO 2016005515 A1 20160114**

DOCDB simple family (application)

**EP 14176505 A 20140710; EP 2015065738 W 20150709**